

Converting Colors

$Y_{xy}(55.3190, 0.3235, 0.3105)$

Have a look what the booklet for
Yxy(55.3190, 0.3235, 0.3105)
contains.

Yxy(55.5547, 0.3234, 0.3107)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.5547, 0.3234, 0.3107)

Conversions

Conversions Part 1

Format	Color
Hex	D9BDCD
RGB	217, 189, 205
RGB Percent	85%, 74%, 80%
CMY	0.1491, 0.2588, 0.1961
CMYK	0.00, 0.13, 0.06, 0.15
HSL	326°, 27%, 80%
HSV	326°, 13%, 85%
XYZ	57.8255, 55.5547, 65.4247
YIQ	199.1960, 11.5520, 10.9120

Conversions

Conversions Part 2

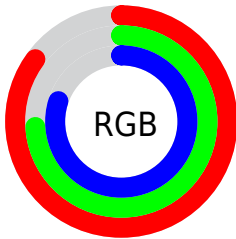
Format	Color
R_{YB}	217, 189, 205
Decimal	14269901
CIE _{Lab}	79.36, 12.64, -4.35
CIE _{LCh}	79, 13.369, 340.989
Yxy	55.5547, 0.3234, 0.3107
Android (android.graphics.Color)	4292459981 (0xFFD9BDCD)
YUV	199.1960, 2.8614, 15.6141
Hunter-Lab	74.5350, 8.0470, 0.1314

Details

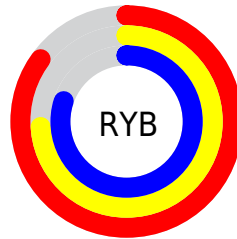
The Yxy color `55.5547, 0.3234, 0.3107` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `64.6514, 0.3033, 0.3480`, and the grayscale version is `57.2159, 0.3127, 0.3290`.

A 20% lighter version of the original color is `93.7848, 0.3132, 0.3194`, and `27.5241, 0.3260, 0.3063` is the 20% darker color. If you saturate the color by 10%, you get `46.4733, 0.3336, 0.2958`, and if you desaturate by 10%, it is `66.0641, 0.3149, 0.3250`.

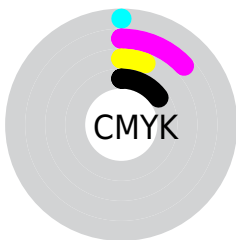
Distribution



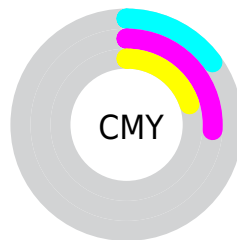
- Red (85%)
- Green (74%)
- Blue (80%)



- Red (85%)
- Yellow (74%)
- Blue (80%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (15%)





- Cyan (15%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5547, 0.3234, 0.3107 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 55.5547, 0.3234, 0.3107 by changing the saturation by 10% instead.


 55.5547, 0.3234,
0.3107

 55.5547, 0.3234,
0.3107


408.0112, 0.3183,
0.3195

 39.8460, 0.3246,
0.3086


 98.3532, 0.3216,
0.3138

 27.4185, 0.3261,
0.3060


126.2118, 0.3209,
0.3150

 17.8878, 0.3281,
0.3026


158.8892, 0.3203,
0.3160

 10.8694, 0.3308,
0.2981

196.7697, 0.3198,
0.3169

 5.9791, 0.3346,
0.2917

240.2377, 0.3193,
0.3177

 2.8324, 0.3404,
0.2820

289.6778, 0.3189,

 1.0449, 0.3503,

0.3183

0.2654

345.4741, 0.3186,
0.3189

0.0000, 0.5148,
0.0000

0.0000, 0.0000,
0.0000

55.5547, 0.3234,
0.3107

55.5547, 0.3234,
0.3107

46.4733, 0.3336,
0.2958

66.0641, 0.3149,
0.3250

38.7504, 0.3456,
0.2806

78.0526, 0.3078,
0.3385

32.3215, 0.3597,
0.2657

91.5777, 0.3020,
0.3510

27.1140, 0.3758,
0.2520

92.6908, 0.2968,
0.3421

■ 23.0479, 0.3938,
0.2406

■ 93.2648, 0.2918,
0.3325

■ 20.0339, 0.4133,
0.2326

■ 93.4880, 0.2900,
0.3289

■ 17.9690, 0.4336,
0.2292

■ 16.7291, 0.4538,
0.2311

■ 16.2020, 0.4678,
0.2351

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.5547, 0.3055, 0.3017



55.5547, 0.3234, 0.3107



55.5547, 0.3387, 0.3243

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.5547, 0.3234, 0.3107



55.5547, 0.3354, 0.3595



55.5547, 0.2796, 0.3170

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



55.5547, 0.3234, 0.3107



64.6514, 0.3033, 0.3480

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.5547, 0.2872, 0.3331



55.5547, 0.3234, 0.3107



55.5547, 0.3192, 0.3583

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.5547, 0.3234, 0.3107



55.5547, 0.3457, 0.3524



55.5547, 0.3015, 0.3484



55.5547, 0.2806, 0.3048

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.5547, 0.3234, 0.3107



55.5547, 0.3452, 0.3345



55.5547, 0.3015, 0.3484



55.5547, 0.2813, 0.3221

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



55.5571, 0.3234, 0.3107



93.3854, 0.3158, 0.3234



53.7816, 0.3013, 0.2961



19.7304, 0.3164, 0.3223



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.5571, 0.3234, 0.3107



76.9653, 0.3255, 0.3074



54.9268, 0.3342, 0.3264



13.1756, 0.3203, 0.3157



9.8318, 0.4651, 0.2336



0.6541, 0.4352, 0.2171

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



55.5571, 0.3234, 0.3107



76.9653, 0.3255, 0.3074



65.3223, 0.2946, 0.3317



13.1756, 0.3203, 0.3157



9.8318, 0.4651, 0.2336



0.6541, 0.4352, 0.2171

Previews

White Background



This preview shows how the Yxy color 55.5547, 0.3234, 0.3107 looks on a white background.

Color Contrast Check

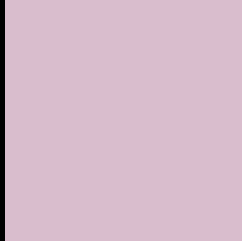
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 55.5547, 0.3234, 0.3107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.5547, 0.3234, 0.3107

Background



This preview shows how black text looks on a background with the Yxy color 55.5547, 0.3234, 0.3107.



This preview shows how white text looks on a background with the Yxy color 55.5547, 0.3234, 0.3107.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

55.5547, 0.3234, 0.3107

Protanopia

55.9536, 0.3041, 0.3135

Deuteranopia

55.6664, 0.3192, 0.3128



Tritanopia

55.5065, 0.3242, 0.3118

Trichromacy



Original Color

55.5547, 0.3234, 0.3107

Protanomaly

55.5314, 0.3104, 0.3113

Deuteranomaly

55.5308, 0.3209, 0.3117

Tritanomaly

55.5065, 0.3242, 0.3118

Monochromacy



Original Color

55.5547, 0.3234, 0.3107

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.3691, 0.3170, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5547, 0.3234, 0.3107 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(217, 189, 205)` looks like.

```
.text, #text, p{  
    color:rgb(217, 189, 205)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(217, 189, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 189, 205) }
```

Border

The CSS property to change the border of an element to Yxy 55.5547, 0.3234, 0.3107 is called "border". The border property can be set on classes, ids or directly on the HTML element.

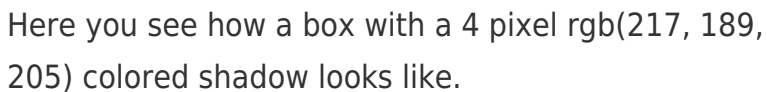
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 189, 205) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(217, 189, 205) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(217, 189, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 189, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 189, 205);  
box-shadow:4px 4px 4px 4px rgb(217, 189,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5547, 0.3234, 0.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 189, 205) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(217,  
189, 205) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor